

FORM PTO-1449  
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

MTS-520US1

SERIAL NO

09/588,364

APPLICANT

M. Oshima et al.

FILING DATE

June 2, 2000

GROUP

2134

**RECEIVED**  
FEB 27 2003  
Technology Center 2100**U.S. PATENT DOCUMENTS**

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
PC	5,126,741	06/30/92	Yoshida (with counterpart JP 03-116441)	341	1-55	9/24/90
PC	4,961,077	10/02/90	Wilson et al. (counterpart of 02-056750)	346	1.1	7/14/89

**FOREIGN PATENT DOCUMENTS**

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES   NO
PC	58-211343	12/08/83	Japan (with English abstract)			x
	61-248250	11/05/86	Japan (with English abstract)			x
	03-078178	04/03/91	Japan (with English abstract)			x
	03-116441	05/17/91	Japan (with English abstract and counterpart USP 5,126,741)			x
	02-056750	02/26/90	Japan (with English abstract and counterpart EP 0 329 122 and 4,961,077)			x
✓	EP 0329122	08/23/89	Europe/Germany (with counterpart JP 02-056750)			x

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

PC	1.	Japanese Official Action dated November 19, 2002, for JP 2002-235948 with partial English translation.
PC	2.	Japanese Official Action dated November 19, 2002, for JP 2002-235949 with partial English translation.

Examiner

Paul Fallaha

Date Considered

8/1/03

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT DOCUMENTS[illegible][illegible]

(Including Author, Title, Date, Pertinent Pages, Etc.)

1			Korean Patent Office Official Action dated March 5, 2003

Examiner	Paul Callahan	Date Considered	8/1/03
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**Examiner:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>MTS-520US1</b>	SERIAL NO <b>09/588,364</b>	<b>RECEIVED</b>  <b>MAY 23 2003</b>  <b>Technology Center 2100</b>
	APPLICANT <b>M. Oshima et al.</b>		
	FILING DATE <b>June 2, 2000</b>	GROUP <b>2134</b>	

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Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

**FOREIGN PATENT DOCUMENTS**

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES   NO
PC	EP 0 549 488	06/30/93	Europe			✓

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

PC	1.	Official Action from the European Patent Office dated March 28, 2003, for Application No. 01 108 949.7.

Examiner <b>Paul Callahan</b>	Date Considered <b>8/1/03</b>
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